

Converting Colors

XYZ(18.0322, 17.7798, 30.4987)

Have a look what the booklet for
XYZ(18.0322, 17.7798, 30.4987)
contains.

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Color

**XYZ(18.0316, 17.7791,
30.4983)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7394
RGB	111, 115, 148
RGB Percent	44%, 45%, 58%
CMY	0.5647, 0.5490, 0.4196
CMYK	0.25, 0.22, 0.00, 0.42
HSL	234°, 15%, 51%
HSV	234°, 25%, 58%
XYZ	18.0316, 17.7791, 30.4983
YIQ	117.5660, -12.9770, 9.4150

Conversions

Conversions Part 2

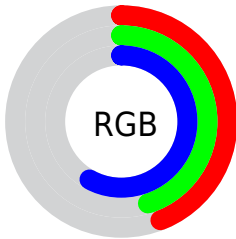
Format	Color
R_{YB}	111, 115, 148
Decimal	7304084
CIE _{Lab}	49.23, 6.15, -18.40
CIE _{LCh}	49, 19.398, 288.480
Yxy	17.7791, 0.2719, 0.2681
Android (android.graphics.Color)	4285494164 (0xFF6F7394)
YUV	117.5660, 15.0040, -5.7584
Hunter-Lab	42.1653, 2.5447, -13.3690

Details

The XYZ color **18.0316, 17.7791, 30.4983** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.0555, 27.3903, 19.0058**, and the grayscale version is **17.0424, 17.9300, 19.5257**.

A 20% lighter version of the original color is **39.5836, 39.6882, 61.4514**, and **6.1514, 5.9015, 12.1242** is the 20% darker color. If you saturate the color by 10%, you get **14.9225, 14.0999, 29.9523**, and if you desaturate by 10%, it is **21.6660, 22.0499, 31.1314**.

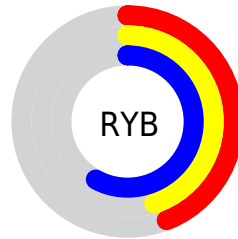
Distribution



Red (44%)

Green (45%)

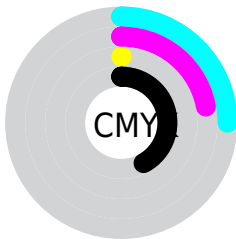
Blue (58%)



Red (44%)

Yellow (45%)

Blue (58%)

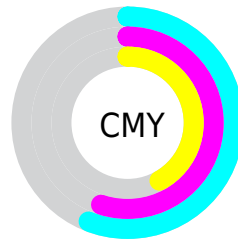


Cyan (25%)

Magenta (22%)

Yellow (0%)

Black (42%)



Cyan (56%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0316, 17.7791, 30.4983 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 18.0316, 17.7791, 30.4983 by changing the saturation by 10% instead.

■ 18.0316, 17.7791,
30.4983

■ 18.0316, 17.7791,
30.4983

234.0912,
239.6230, 318.4996

■ 11.0725, 10.7915,
19.9619

■ 39.6208, 39.6606,
61.5196

■ 6.1833, 5.9268,
12.1835

■ 54.9817, 55.3232,
82.8416

■ 2.9986, 2.8006,
6.7447

■ 73.8738, 74.6463,
108.5958

■ 1.1530, 1.0286,
3.2270

■ 96.6626, 98.0143,
139.2008

■ 0.0688, 0.0000,
1.2117

123.7133,
125.8116, 175.0751

■ 0.0000, 0.0000,
0.0000

155.3915,

158.4226, 216.6374

192.0623,
196.2315, 264.3060

■ 18.0316, 17.7791,
30.4983

■ 18.0316, 17.7791,
30.4983

■ 14.9225, 14.0999,
29.9523

■ 21.6660, 22.0499,
31.1314

■ 12.3127, 10.9841,
29.4885

■ 25.8466, 26.9346,
31.8539

■ 10.1764, 8.4044,
29.1031

■ 30.5955, 32.4570,
32.6695

■ 8.4850, 6.3303,
28.7919

■ 35.9328, 38.6389,
33.5815

■ 7.2068, 4.7284,
28.5501

■ 41.8777, 45.5012,
34.5927

■ 6.3056, 3.5609,
28.3722

■ 48.4487, 53.0637,
35.7060

■ 5.7366, 2.7831,
28.2521

■ 55.6633, 61.3455,
36.9244

■ 5.5307, 2.5088,
28.2100

■ 63.5384, 70.3650,
38.2502

■ 72.0902, 80.1399,
39.6863

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.2095, 17.7791, 30.9264



18.0316, 17.7791, 30.4983



19.6550, 17.7791, 26.7870

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.0316, 17.7791, 30.4983



19.3248, 17.7791, 12.7851



13.6977, 17.7791, 17.4259

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.0316, 17.7791, 30.4983



25.0555, 27.3903, 19.0058

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.4126, 17.7791, 13.4484



18.0316, 17.7791, 30.4983



17.6067, 17.7791, 11.1084

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.0316, 17.7791, 30.4983



20.4377, 17.7791, 16.3537



15.8139, 17.7791, 11.3271



13.7934, 17.7791, 22.7103

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.0316, 17.7791, 30.4983



20.3658, 17.7791, 23.2705



15.8139, 17.7791, 11.3271



13.8490, 17.7791, 15.9113

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.0322, 17.7798, 30.4987



43.9424, 45.5859, 55.9175



22.1557, 26.5636, 30.2187



9.9420, 10.3024, 12.7494



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.0322, 17.7798, 30.4987



28.6327, 27.6098, 53.2547



19.5145, 17.8814, 30.4402



5.5470, 5.7280, 7.2830



4.7350, 2.1648, 24.0993



0.0679, 0.0463, 0.2983

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.9922, 18.9032, 18.7627



34.7960, 30.0202, 28.8019



23.2619, 27.3811, 19.0986



5.8248, 5.8250, 6.1835



10.5171, 5.4119, 0.9381



0.1337, 0.0682, 0.0378

Previews

White Background



This preview shows how the XYZ color 18.0316, 17.7791, 30.4983 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.0316, 17.7791, 30.4983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

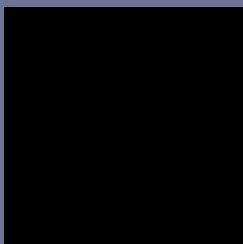
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0316, 17.7791, 30.4983

Background



This preview shows how black text looks on a background with the XYZ color 18.0316, 17.7791, 30.4983.

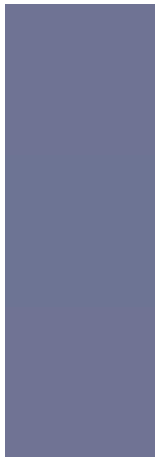


This preview shows how white text looks on a background with the XYZ color 18.0316, 17.7791,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.0316, 17.7791, 30.4983

Protanopia

17.8974, 17.8801, 30.5249

Deuteranopia

18.1581, 17.8443, 30.5042



Tritanopia

16.5565, 17.8780, 23.0002

Trichromacy



Original Color

18.0316, 17.7791, 30.4983

Protanomaly

18.0211, 17.9439, 30.5307

Deuteranomaly

18.1581, 17.8443, 30.5042

Tritanomaly

17.0359, 17.8943, 25.4777

Monochromacy



Original Color

18.0316, 17.7791, 30.4983

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.3940, 17.9524, 23.3173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0316, 17.7791, 30.4983 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(111, 115, 148)` looks like.

```
.text, #text, p{  
    color:rgb(111, 115, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(111, 115, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 115, 148) }
```

Border

The CSS property to change the border of an element to XYZ 18.0316, 17.7791, 30.4983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 115, 148) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(111, 115, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(111, 115, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 115, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 115, 148);  
box-shadow:4px 4px 4px 4px rgb(111, 115,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0316, 17.7791, 30.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 115, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(111,  
115, 148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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